



Western Michigan University
ScholarWorks at WMU

Michigan COVID-19 Hospital Data

Michigan COVID-19 State Data

8-21-2020

2020-08-21_MichiganOverview_COVIDbedPPE

Michigan Department of Health & Human Services

Follow this and additional works at: <https://scholarworks.wmich.edu/michigan-covid-data-state-hospital>



Part of the Public Health Commons

WMU ScholarWorks Citation

Michigan Department of Health & Human Services, "2020-08-21_MichiganOverview_COVIDbedPPE" (2020). *Michigan COVID-19 Hospital Data*. 101.

<https://scholarworks.wmich.edu/michigan-covid-data-state-hospital/101>

This MDHHS is brought to you for free and open access by the Michigan COVID-19 State Data at ScholarWorks at WMU. It has been accepted for inclusion in Michigan COVID-19 Hospital Data by an authorized administrator of ScholarWorks at WMU. For more information, please contact wmu-scholarworks@wmich.edu.



Coronavirus

CORONAVIRUS



Statewide Available PPE and Bed Tracking


Note: Data on this page is updated Monday - Friday.

Statewide Hospital Capacity Report for COVID-19* 08/20/2020**

	Hospital Beds	Adult Hospital Beds	Hospital Inpatient Beds	Hospital Inpatient Bed Occupancy	Adult Hospital Inpatient Beds	Adult Hospital Inpatient Bed Occupancy	ICU Beds	ICU Bed Occupancy	Adult ICU Beds	Adult ICU Bed Occupancy	Total Ventilators	Mechanical Ventilators in use
Region 1	1,847	1,696	1,537	1,141	1,334	1,054	203	164	189	158	216	42
Region 2N	5,343	3,832	3,592	3,714***	3,382	2,615	539	424	355	288	861	189
Region 2S	6,768	5,319	5,558	4,712	4,829	3,763	981	753	645	515	1,248	456
Region 3	2,925	2,299	2,329	2,193	2,060	1,667	433	366	240	202	450	158
Region 5	1,916	1,552	1,370	1,070	1,317	867	218	100	173	86	289	32
Region 6	2,911	2,606	2,445	1,661	2,204	1,466	380	300	250	177	526	90
Region 7	1,011	960	1,011	620	946	594	198	123	176	112	116	17
Region 8	715	694	603	313	440	301	80	44	53	33	102	5
Total	23,436	18,958	18,445	15,424	16,512	12,327	3,032	2,274	2,081	1,571	3,808	989

*72.31% response rate **Data is preliminary and subject to change.

COVID-19 Metrics 8/21/2020

HCC Region	Region 1	Region 2 North	Region 2 South	Region 3	Region 5	Region 6	Region 7	Region 8	
Total Hospitalized Adult Suspected/Confirmed	35	245	180	72	26	45	11	7	621

HCC Region	Region 1	Region 2 North	Region 2 South	Region 3	Region 5	Region 6	Region 7	Region 8	Total
Adult Confirmed-Positive COVID	17	158	107	48	26	42	4	2	404
Hospitalized Peds Confirmed/Suspected	1	1	4	0	0	2	0	0	8
Hospitalized Ped Confirmed-Positive	0	1	4	0	0	2	0	0	7
Hospitalized and Ventilated COVID	7	27	32	18	4	6	1	0	95
Adult ICU Confirmed/Suspected COVID	13	55	52	34	4	16	10	3	187
ICU Adult Confirmed-Positive COVID	11	47	39	26	4	16	4	3	150
Prev Day COVID Related ED Visits	41	119	308	28	35	65	24	36	656

Changes have recently been made to the clinical variables shared on the MDHHS website. These changes were made to align with the new reporting requirements from the federal government. To better accommodate all users of this data, MDHHS is expanding the data provided from the previous clinical variables section to the information described in the new clinical variables section. Data users should carefully consider which variables meet their current or ongoing needs for information.

Previous Clinical Variables:

of ED Discharges - The number of patients discharged home (or equivalent) from ED with suspected or confirmed COVID-19 in past 24 hours. INCLUDE hospital urgent care and ED drive through.

in Critical Care - The CURRENT number of patients in critical care units with suspected or confirmed COVID-19. INCLUDE non-critical care areas being used for surge critical care. DO NOT INCLUDE ED boarding/overflow (patients currently admitted and awaiting bed).

on Ventilators - The CURRENT number of patients receiving mechanical ventilation with suspected or confirmed COVID-19. DO NOT INCLUDE ED boarding/overflow (patients currently admitted and awaiting bed) and surge critical care areas.

of Inpatients - The total number of positive tests for COVID-19 among admitted patients.

New Clinical Variables:

Previous Day's COVID-19-related ED Visits (Enter the total number of ED visits who were seen on the previous calendar day who had a visit related to COVID-19 (meets suspected or confirmed definition or presents for COVID diagnostic testing – do not count patients who present for pre-procedure screening).)

Total ICU adult suspected or confirmed positive COVID patients (Patients currently hospitalized in an adult ICU bed who have suspected or laboratory-confirmed COVID-19.)

Hospitalized ICU adult confirmed-positive COVID patients (same as above, laboratory confirmed only)

Hospitalized and ventilated COVID patients (Patients currently hospitalized in an adult, pediatric or neonatal inpatient bed who have suspected or laboratory-confirmed COVID-19 and are on a mechanical ventilator (as defined in 7 above).)

Total hospitalized adult suspected or confirmed positive COVID patients (Patients currently hospitalized in an adult inpatient bed who have laboratory-confirmed or suspected COVID-19. Include those in observation beds.)

Hospitalized adult confirmed-positive COVID patients (same as above, laboratory confirmed only)



Total hospitalized pediatric suspected or confirmed positive COVID patients (Patients currently hospitalized in a pediatric inpatient bed, including NICU, newborn, and nursery, who are suspected or laboratory-confirmed-positive for COVID-19. Include those in observation beds.)

Hospitalized pediatric confirmed-positive COVID patients (Patients currently hospitalized in a pediatric inpatient bed, including NICU, newborn, and nursery, who have laboratory-confirmed COVID-19. Include those in observation beds.)

Statewide Hospital Available PPE Tracking for COVID-19* 08/20/2020**

	N95 Masks	PAPR/ Other Respirators	Surgical Mask	Eye Protection	Gowns	Launderable Gowns	Exam Gloves (single)
Region 1	176,581	188	1,224,139	137,714	229,171	5,820	1,081,076
Region 2N	201,491	322	363,006	110,637	138,835	3,945	6,725,082
Region 2S	264,945	565	706,153	188,438	303,990	12,347	2,954,350
Region 3	185,154	271	1,053,923	68,841	579,674	1,145	4,694,566
Region 5	85,162	233	563,246	28,682	55,516	1,380	2,536,878
Region 6	489,067	570	5,860,871	115,541	103,632	40,451	16,587,318
Region 7	22,221	305	115,287	23,332	15,868	2,000	1,215,939
Region 8	89,833	237	362,809	29,738	75,477	871	2,224,506
Totals	1,514,454	2,691	10,249,434	702,923	1,502,163	67,959	38,019,715

*69% Reporting

**Data is preliminary and subject to change



- Data is self-reported by hospitals daily to the EM Resource System per MDHHS Director Robert Gordon's Emergency Order.
- Changes in inventory numbers have likely occurred since reporting was completed.

- This information will be updated daily by 7 p.m.
- Information about Healthcare Coalition Regions is available on the **MDHHS website**.

Region 1 – Clinton, Eaton, Gratiot, Hillsdale, Ingham, Jackson, Lenawee, Livingston and Shiawassee counties.

Region 2S – City of Detroit and Monroe, Washtenaw and Wayne counties.

Region 2N - Macomb, Oakland and St. Clair counties.

Region 3 - Saginaw, Alcona, Iosco, Ogemaw, Arenac, Gladwin, Midland, Bay, Genesee, Tuscola, Lapeer, Sanilac and Huron counties.

Region 5 - Allegan, Barry, Calhoun, Branch, St. Joseph, Cass, Berrien, Van Buren and Kalamazoo counties.

Region 6 - Clare, Ionia, Isabella, Kent, Lake, Mason, Mecosta, Montcalm, Muskegon, Newaygo, Oceana, Osceola and Ottawa counties.

Region 7 - Manistee, Wexford, Missaukee, Roscommon, Benzie, Leelanau, Grand Traverse, Kalkaska, Crawford, Oscoda, Antrim, Otsego, Montmorency, Alpena, Presque Isle, Cheboygan, Emmet and Charlevoix counties.

Region 8 - Chippewa, Mackinac, Luce, Schoolcraft, Delta, Alger, Marquette, Dickinson, Menominee, Baraga, Iron, Gogebic, Ontonagon, Houghton and Keweenaw counties.

PPE Days On Hand as of 08/20/2020

Health System/Hospital	N95 Masks	Surgical Masks	Surgical Gowns	Eye Protection	Gloves	System/Independent
Ascension	21+ days	0-6 days	15-21 days	21+ days	21+ days	Health System
Aspirus	21+ days	21+ days	21+ days	21+ days	21+ days	Health System
Baraga County Memorial Hospital	21+ days	21+ days	21+ days	7-14 days	21+ days	Independent
Beaumont	7-14 days	0-6 days	7-14 days	21+ days	0-6 days	Health System
Bronson	21+ days	0-6 days	21+ days	21+ days	7-14 days	Health System
Covenant	21+ days	21+ days	21+ days	21+ days	7-14 days	Health System
Deckerville Community Hospital	21+ days	7-14 days	21+ days	21+ days	21+ days	Independent
Detroit Medical Center	21+ days	7-14 days	21+ days	21+ days	7-14 days	Health System
Dickinson Memorial Health Care System	21+ days	21+ days	21+ days	21+ days	21+ days	Independent
Eaton Rapids Medical Center	21+ days	7-14 days	21+ days	21+ days	7-14 days	Independent
Harbor Beach Community Hospital	21+ days	21+ days	21+ days	21+ days	21+ days	Independent
Helen Newberry Joy Hospital	21+ days	21+ days	7-14 days	21+ days	21+ days	Independent
Henry Ford Health System	21+ days	7-14 days	15-21 days	21+ days	0-6 days	Health System
Hills and Dales General Hospital	21+ days	15-21 days	21+ days	21+ days	15-21 days	Independent
Hillsdale Hospital	21+ days	21+ days	0-6 days	7-14 days	21+ days	Independent
Holland Community Hospital	21+ days	21+ days	21+ days	7-14 days	21+ days	Independent
Hurley Medical Center	21+ days	0-6 days	0-6 days	0-6 days	0-6 days	Health System
Kalkaska Memorial Health Center	21+ days	21+ days	0-6 days	21+ days	21+ days	Independent
Mackinac Straits Hospital	21+ days	21+ days	21+ days	21+ days	21+ days	Independent
Marlette Regional Hospital	21+ days	21+ days	21+ days	21+ days	21+ days	Independent
McKenzie Memorial Hospital	21+ days	21+ days	21+ days	21+ days	7-14 days	Independent
McLaren	21+ days	7-14 days	21+ days	21+ days	21+ days	Health System
Memorial Healthcare	15-21 days	7-14 days	0-6 days	21+ days	0-6 days	Independent
Metro	21+ days	21+ days	21+ days	21+ days	21+ days	Health System
Michigan Medicine	15-21 days	0-6 days	15-21 days	7-14 days	0-6 days	Health System
MidMichigan Health	7-14 days	0-6 days	15-21 days	21+ days	7-14 days	Health System
Munising Memorial Hospital	21+ days	7-14 days	21+ days	21+ days	21+ days	Independent
Munson Health System	0-6 days	0-6 days	0-6 days	21+ days	7-14 days	Health System



Health System/Hospital	N95 Masks	Surgical Masks	Surgical Gowns	Eye Protection	Gloves	System/Independent
North Ottawa Community Hosp	21+ days	7-14 days	7-14 days	7-14 days	21+ days	Independent
OSF St. Francis Hospital	21+ days	21+ days	21+ days	21+ days	21+ days	Independent
Oaklawn Hospital	21+ days	21+ days	21+ days	21+ days	0-6 days	Independent
Pontiac General Hospital	21+ days	0-6 days	21+ days	21+ days	0-6 days	Independent
Prime Health	21+ days	7-14 days	21+ days	21+ days	21+ days	Health System
ProMedica	21+ days	7-14 days	15-21 days	21+ days	0-6 days	Health System
Scheurer Hospital	21+ days	0-6 days	21+ days	21+ days	21+ days	Independent
Schoolcraft Memorial Hospital	21+ days	21+ days	21+ days	21+ days	21+ days	Independent
Sheridan Community Hospital	21+ days	0-6 days	21+ days	21+ days	0-6 days	Independent
Sparrow Health System	21+ days	21+ days	21+ days	21+ days	7-14 days	Health System
Spectrum	21+ days	21+ days	7-14 days	21+ days	21+ days	Health System
Straith Hospital	21+ days	21+ days	21+ days	21+ days	21+ days	Independent
Sturgis Hospital	21+ days	21+ days	21+ days	21+ days	21+ days	Independent
Three Rivers Health	0-6 days	7-14 days	21+ days	21+ days	0-6 days	Independent
Trinity	21+ days	15-21 days	21+ days	21+ days	7-14 days	Health System
UP Health	21+ days	21+ days	21+ days	21+ days	21+ days	Health System
War Memorial Hospital	21+ days	21+ days	21+ days	21+ days	21+ days	Independent

Patient Census as of 08/20/2020

Health System/Hospital	COVID-19 Patients	COVID-19 Patients in ICU	Bed Occupancy %
Ascension	79	23	
Aspirus	5	1	45.90%
Baraga County Memorial Hospital	0	0	53.30%
Beaumont	164	27	67.20%
Bronson	13	2	70.20%
Covenant	19	8	73.80%
Deckerville Community Hospital	0	0	0.00%
Detroit Medical Center	21	10	65.20%
Dickinson Memorial Health Care System	2	1	42.90%
Eaton Rapids Medical Center	0	0	20.00%
Harbor Beach Community Hospital	0	0	26.70%
Helen Newberry Joy Hospital	0	0	27.30%
Henry Ford Health System	128	31	75.10%
Hills and Dales General Hospital	2	0	25.70%
Hillsdale Hospital	1	1	34.50%
Holland Community Hospital	0	0	65.20%
Hurley Medical Center	2	1	82.20%
Kalkaska Memorial Health Center	0	0	25.00%
Mackinac Straits Hospital	0	0	46.70%
Marlette Regional Hospital	0	0	40.00%
McKenzie Memorial Hospital	0	0	12.00%
McLaren	59	22	77.40%
Memorial Healthcare	1	1	71.60%
Metro	4	0	60.10%
Michigan Medicine	9	4	59.80%
MidMichigan Health	8	1	72.80%
Munising Memorial Hospital	0	0	7.10%
Munson Health System	6	6	62.90%

Health System/Hospital	COVID-19 Patients	COVID-19 Patients in ICU	Bed Occupancy %
North Ottawa Community Hosp	0	0	28.60%
Oaklawn Hospital	0	0	54.50%
OSF St. Francis Hospital	0	0	20.00%
Pontiac General Hospital	0	0	3.80%
Prime Health	6	4	64.70%
ProMedica	10	2	32.40%
Scheurer Hospital	1	0	12.10%
Schoolcraft Memorial Hospital	0	0	41.70%
Sheridan Community Hospital	0	0	18.80%
Sparrow Health System	21	4	73.20%
Spectrum	33	9	61.80%
Straith Hospital	0	0	20.80%
Sturgis Hospital	0	0	37.50%
Three Rivers Health	2	1	59.10%
Trinity	48	12	77.40%
UP Health	1	0	62.70%
War Memorial Hospital	1	2	33.00%
Grand Total	646	173	67.40%

The information is aggregated by health system for those hospitals that are part of a health system. This is because systems are centrally tracking and distributing personal protection equipment (PPE) amongst their various facilities and looking at patient surge and load from a system perspective. Non-system hospitals are identified as individual hospitals. The data reflects the status in health systems and hospitals 48 hours prior to the time that the data was posted to this website. This information has been compiled by the Michigan Health & Hospital Association (MHA) on behalf of the Michigan Department of Health & Human Services (MDHHS). The data is from the state of Michigan's EMResource data system. Hospitals are required to enter data into EMResource. The data reflects the status in the hospital or health system from the previous 48 hour period. **General Information: Tableau Dashboard of Health System/Hospital Data**

DATA DICTIONARY:

PPE Days on Hand - This is a calculation based on a number of factors including the amount of PPE, the number of COVID-19 patients, beds, industry standard usage and conservation techniques.

COVID-19 Patients - Confirmed positive patients, as well as patients who are currently pending and under investigation (PUI). This includes COVID-19 patients in the ICU.

COVID-19 Patients in ICU - Confirmed positive patients and suspected patients in intensive care unit (ICU).

Bed Occupancy - The percentage of staffed inpatient beds occupied by any patient regardless of COVID-19 status. This includes surge and overflow beds.



NAVIGATION:

There are three data tabs that display information:

Dashboard - PPE status and Patient Census for a specific health system or hospital

Patient Census - Patient census for all health systems/hospitals in Michigan

PPE - Personal protective equipment status for all health systems/hospitals in Michigan



**ADA
MICHIGAN NEWS
POLICIES**

COPYRIGHT 2020 STATE OF MICHIGAN

